

Attorney Docket No.: 1461 US

UTILITY PATENT APPLICATION DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am an original, first and joint inventor of the subject matter claimed and for which a patent is sought on the invention entitled, **RIPPLED SURFACE STOPER ROD SYSTEM**, the specification of which is filed herewith and claims priority to United States Provisional Patent Application No. 60/516,902 filed on November 3, 2003.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information that is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s):

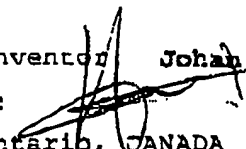
Robert S. Klemz, Jr.	Reg. No. 46,305
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both of

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with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Full name of first inventor: Johan L. Richaud

Inventor's signature: 

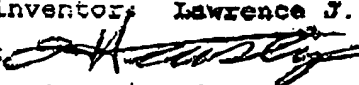
Date: NOV 2/2004

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Date: NOV 2/2004

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Full name of third inventor: James Dorricott

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Date: Nov 2/2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) RICHAUD et al.
Title)
Attorney Docket No.) 1461 US/PCT

To: Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY

Vesuvius Crucible Company, a Delaware Corporation, having its principal office at 103 Foulk Road, Wilmington, Delaware 19803, USA, appoints the following persons as its attorneys to prosecute this PCT application, and to transact all business in the Patent and Trademark Office connected therewith:

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